FUTEK MODEL LCF505

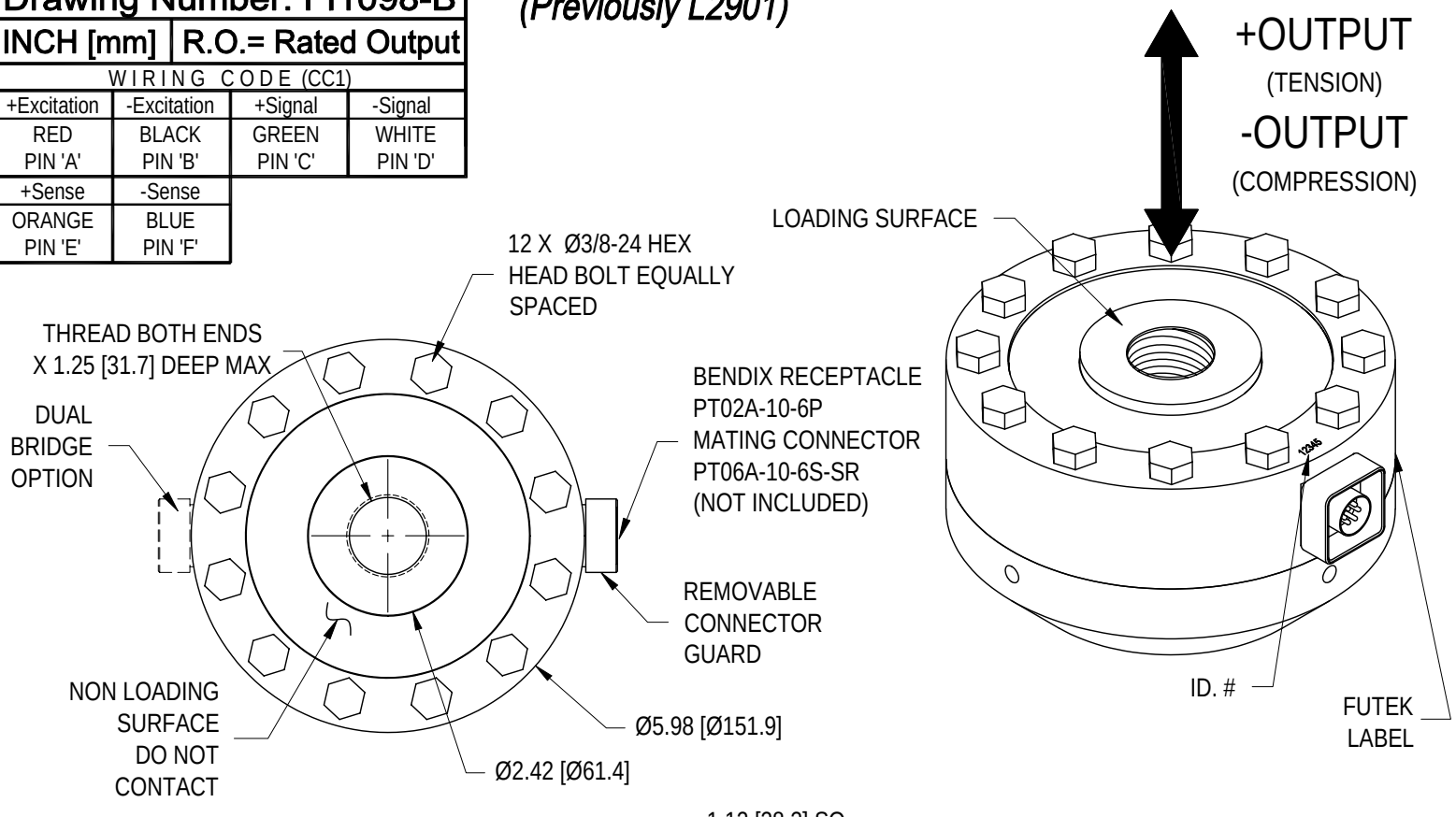
LOW PROFILE UNIVERSAL PANCAKE LOAD CELL

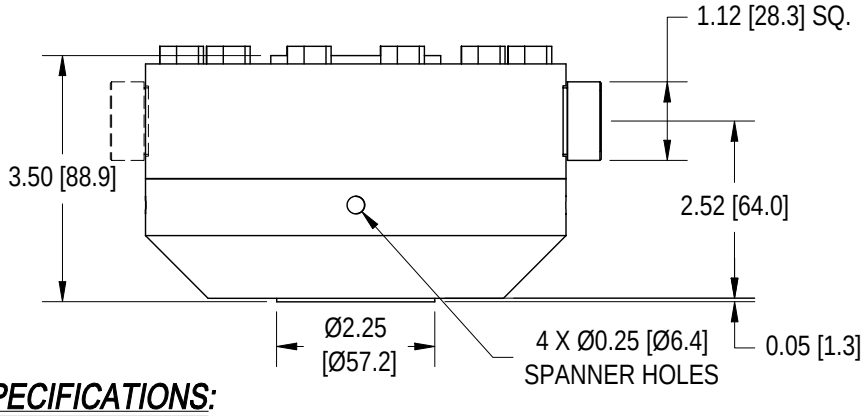
(Previously L2901)

Drawing Number: FI1098-B

INCH [mm] | R.O.= Rated Output

WIRING CODE (CC1)			
+Excitation	-Excitation	+Signal	-Signal
RED PIN 'A'	BLACK PIN 'B'	GREEN PIN 'C'	WHITE PIN 'D'
+Sense	-Sense		
ORANGE PIN 'E'	BLUE PIN 'F'		





REFER TO LCF501 FOR VERSION WITHOUT BASE PLATE

Stock #	CAPACITY lb	CAPACITY kN	THREAD
FSH02767	25,000	111.2	1 1/4-12
FSH02925			M33 X 2
FSH02768	50,000	222.4	1 1/4-12
FSH02962			M33 X 2

SPECIFICATIONS:

RATED OUTPUT	*4 mV/V nom.*
SAFE OVERLOAD	*150% of R.O.*
ZERO BALANCE	*±1% of R.O.*
EXCITATION (VDC OR VAC)	*20 MAX*
BRIDGE RESISTANCE	*350 Ω nom.*
NONLINEARITY	*±0.1% of R.O.*
HYSTERESIS	*±0.2% of R.O.*
NONREPEATABILITY	*±0.02% of R.O.*
CREEP	*±0.02% of LOAD*
TEMP. SHIFT ZERO	*±0.001% of R.O./°F [0.0018% of R.O./°C]*
TEMP. SHIFT SPAN	*±0.002% of LOAD/°F [0.0036% of LOAD/°C]*
COMPENSATED TEMP.	*60 to 160°F [15 to 72°C]*
OPERATING TEMP.	*-60 to 200°F [-50 to 93°C]*
DEFLECTION	*0.002 to 0.005 [0.05 to 0.13] nom.*
MATERIAL	*17-4PH S.S.*
WEIGHT	*20 lb [9.1 kg]*

CONNECTOR: 6 Pin BENDIX Receptacle (PT02A-10-6P)

ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE

CALIBRATION (STD)	*5 pt. COMPRESSION; 30 KΩ SHUNT CAL. VALUE*
CALIBRATION (AVAILABLE)	*5pt TENSION*
CALIBRATION TEST EXCITATION	*10 VDC*

OTHER AVAILABLE RECEPTACLES & MATING CONNECTORS

BENDIX RECEPTACLE (PCO4E-10-6P)
BENDIX MATING CONNECTOR (PCO6E-10-6S-SR)

FUTEK ADVANCED SENSOR TECHNOLOGY, INC.

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